

## Abstract

Emulgator-free microgel, dispersed in an aqueous phase, obtainable by producing a polyacrylate (A) in the presence of at least one compound (B) containing a phosphonic acid group, where the polyacrylate (A) has at least one hydroxyl group and at least one carboxyl group; aqueous phase crosslinking of the reaction mixture originating from step a) with an aminoplast resin (C); subsequent emulsion polymerization of the reaction mixture originating from step b) with at least one monomer compound (D) which contains at least one radically polymerizable double bond.